

# METHOD FOR MOVING A PICKUP HEAD MODULE TO THE INITIAL POSITION

## Abstract

A method for moving a pickup head module to the initial position used in an optical disk drive without a touch sensor includes moving the pickup head module toward a spindle motor according to a gradually decreasing speed curve until the pickup head stops. When power is provided to the optical disk drive, recording a present address of a disk corresponding to the pickup head module after seeking and accessing the disk. Calculating a return distance according to the present address and the initial address of the disk and moving the pickup head module for the return distance toward the spindle motor.